

TABLE 7. Summary of Biological Observations Made at Transect T-5, Approximately 760 m Offshore of the Honolulu International Airport Reef Runway (Station C) on 21 November 1996

I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Porolithon onkodes</i>			7.0	19.0	19.0	25.0
<i>Desmia hornemannii</i>			0.5			
<i>Amansia glomerata</i>			0.2			
Soft Corals						
<i>Anthelia edmondsoni</i>	0.3					
<i>Palythoa tuberculosa</i>			0.5		0.2	
Corals						
<i>Porites lobata</i>			0.5		0.2	
<i>Porites compressa</i>				0.1		
<i>Pocillopora meandrina</i>	0.1			0.2	0.6	2.0
<i>Montipora patula</i>			1.4	0.7	3.9	0.5
<i>Pavona varians</i>			2.3			0.4
<i>Pavona duerdeni</i>					4.5	0.8
<i>Cyphastrea ocellina</i>						0.1
Sand	1.5					
Rubble	90.1	30.0	28.0	14.0		
Hard Substratum	8.0	57.6	52.0	57.6	71.2	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Mitra papalis</i>	1				
Phylum Echinodermata					
<i>Echinometra mathaei</i>	2				
<i>Echinothrix diadema</i>	7				
<i>Tripneustes gratilla</i>	2				

III. Fish Census (4 m ∞ 20 m)					
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19 Species					
166 Individuals					
Estimated Standing Crop = 72 g/m ²					

NOTE: Results of the 5-m² quadrat sampling of the benthic community are presented in Part I as percent cover, counts of diurnally exposed macroinvertebrates are given in Part II, and a summary of the fish census is given in Part III. Water depth ranges from 9.1 to 11.0 m; mean coral coverage is 3.7% (quadrat method).